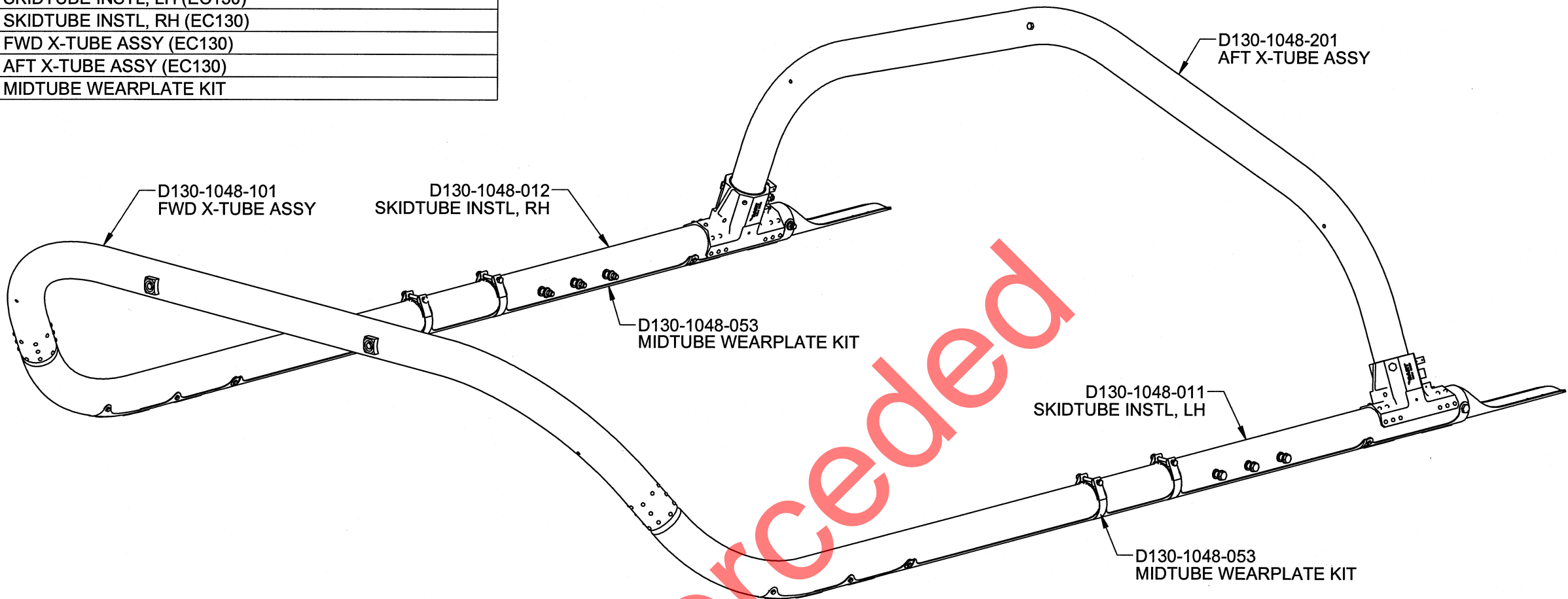


QTY -711	P/N	DESCRIPTION
X	D130-1048-711	LANDING GEAR ASSY WITH MIDTUBE WEARPLATES
1	D130-1048-011	SKIDTUBE INSTL, LH (EC130)
1	D130-1048-012	SKIDTUBE INSTL, RH (EC130)
1	D130-1048-101	FWD X-TUBE ASSY (EC130)
1	D130-1048-201	AFT X-TUBE ASSY (EC130)
2	D130-1048-053	MIDTUBE WEARPLATE KIT



D130-1048-711 LANDING GEAR ASSY WITH MIDTUBE WEARPLATES

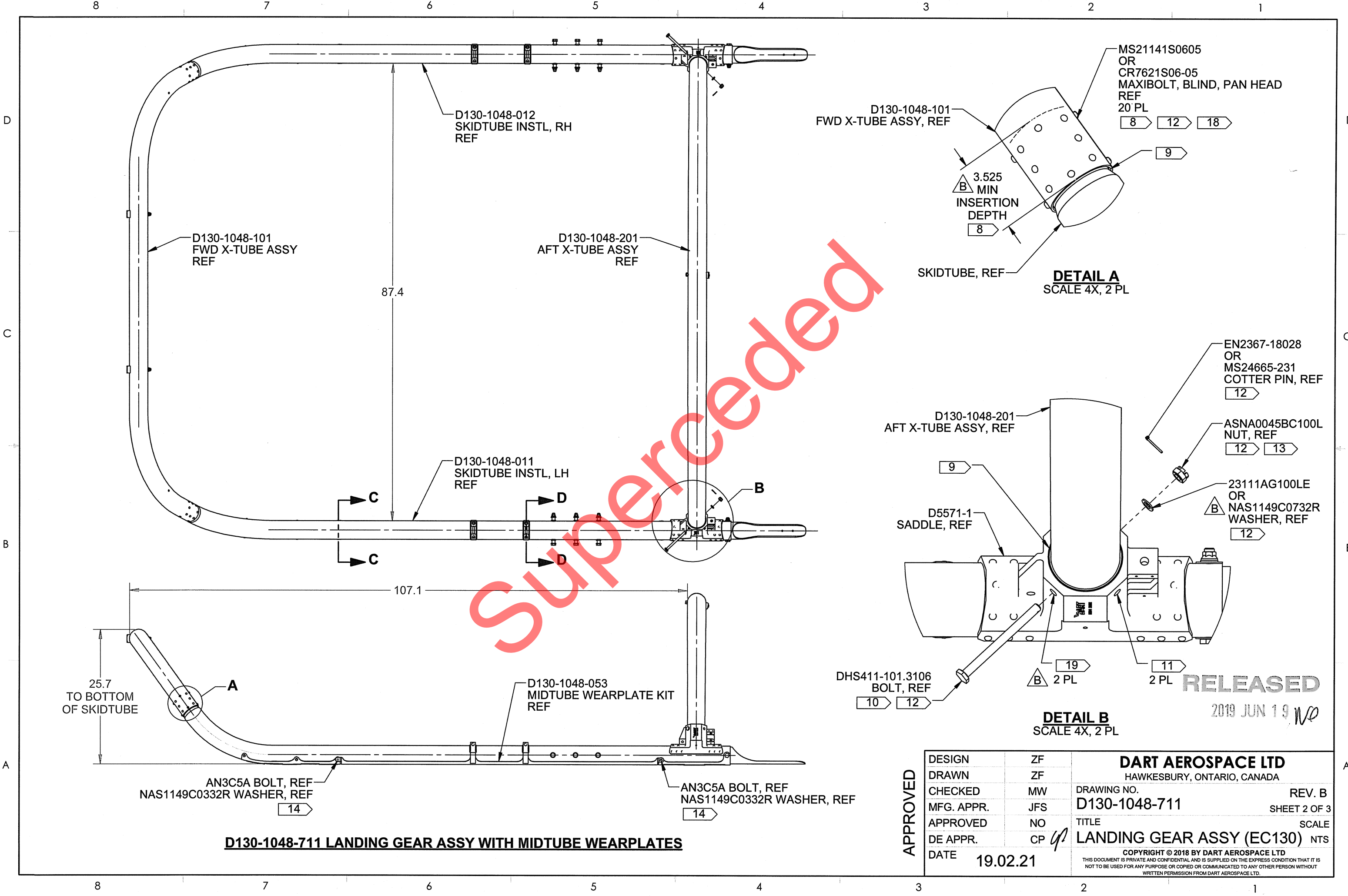
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 114.9 lbs
- 8) ENSURE 3.525 MINIMUM INSERTION DEPTH OF SKIDTUBE INTO CROSSTUBE. TRANSFER DRILL  $\phi 0.129$  HOLES FROM CROSSTUBE TO SKIDTUBE, OPEN HOLES THRU CROSSTUBE AND SKIDTUBE TO  $\phi 0.199 - \phi 0.202$ . INSTALL MS21141S0605 MAXIBOLT, BLIND, PAN HEAD.
- 9) FILLET SEAL WITH SIKAFLEX -241/-291 OR PROSEAL PS890/PR1422 OR MIL-S-8802 CLASS B SEALANT
- 10) CLEAN THE MATING SURFACES OF THE AFT CROSSTUBE, SADDLE, AND BOLT TO ENSURE GOOD ELECTRICAL BONDING. INSTALL BOLT WET WITH ELECTRICALLY CONDUCTIVE COMPOUND, BURNDY PENETROX A-13.
- 11) PLUG SEAL UNUSED HOLES IN SADDLE WITH SIKAFLEX -241/-291 OR PROSEAL PS890/PR1422 OR MIL-S-8802 CLASS B SEALANT
- 12) HARDWARE FOR ASSEMBLING SKIDTUBES TO CROSSTUBES SUPPLIED AS PART OF D130-1048-011/-012 SKIDTUBES.
- 13) TORQUE NUT TO 97-106 in-lbs.
- 14) REMOVE AND REUSE EXISTING HARDWARE FROM LOCATIONS SHOWN TO FASTEN D130-1048-053 MIDTUBE WEARPLATES.
- 15) TORQUE BOLT TO 20-25 in-lbs.
- 16) TORQUE BOLT TO 60-85 in-lbs.
- 17) TORQUE NUT TO 30-85 in-lbs.
- 18) IT IS ACCEPTABLE TO USE CR7651S06-05 OVERSIZE MAXIBOLTS FOR REPAIR OF OVERSIZED HOLES. IN THIS CASE, OPEN HOLES THRU CROSSTUBE AND SKIDTUBE TO  $\phi 0.215 - \phi 0.218$
- 19) ENSURE THAT THE AFT CROSSTUBE IS POSITIONED SUCH THAT THE STOP BLOCK IS ON THE AIRCRAFT'S RIGHT HAND SIDE. TRANSFER DRILL HOLES FROM SADDLES TO THE AFT CROSSTUBE. QTY (2) D5715-1 DRILL BUSHINGS ARE PROVIDED WITH THE AFT CROSSTUBE TO ASSIST WITH DRILLING #30 PILOT HOLES AS AN OPTION. ONLY QTY (2) HOLES PER SADDLE ON FWD-OUTBD AND AFT-INBD LOCATIONS, FINAL SIZE =  $\phi 0.393 - \phi 0.400$ .

RELEASED

2019 JUN 19 No  
ECMA-625

B	ADDED MINIMUM INSERTION DEPTH TO NOTE 8 AND DETAIL A, ADDED NOTE 19, ALTERNATE WASHER NAS1149C0732R WAS LN9025-1220L, ADDED D4012-1 CUSHION CALLOUT TO SECTION D-D	ZF	19.02.21
A	NEW ISSUE	ZF	18.10.24
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	MW	DRAWING NO.	REV. B
MFG. APPR.	JFS	D130-1048-711	SHEET 1 OF 3
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	LANDING GEAR ASSY (EC130)	NTS
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D130-1048-012  
SKIDTUBE INSTL, RH  
REF

D130-1048-101  
FWD X-TUBE ASSY  
REF

D130-1048-201  
AFT X-TUBE ASSY  
REF

D130-1048-011  
SKIDTUBE INSTL, LH  
REF

D130-1048-053  
MIDTUBE WEARPLATE KIT  
REF

AN3C5A BOLT, REF  
NAS1149C0332R WASHER, REF  
14

AN3C5A BOLT, REF  
NAS1149C0332R WASHER, REF  
14

D130-1048-101  
FWD X-TUBE ASSY, REF

MS21141S0605  
OR  
CR7621S06-05  
MAXIBOLT, BLIND, PAN HEAD  
REF  
20 PL  
8 12 18

3.525  
MIN  
INSERTION  
DEPTH  
8

SKIDTUBE, REF  
**DETAIL A**  
SCALE 4X, 2 PL

D130-1048-201  
AFT X-TUBE ASSY, REF

EN2367-18028  
OR  
MS24665-231  
COTTER PIN, REF  
12

ASNA0045BC100L  
NUT, REF  
12 13

23111AG100LE  
OR  
NAS1149C0732R  
WASHER, REF  
12

D5571-1  
SADDLE, REF

DHS411-101.3106  
BOLT, REF  
10 12

19  
2 PL

11  
2 PL

**DETAIL B**  
SCALE 4X, 2 PL

APPROVED

DESIGN	ZF
DRAWN	ZF
CHECKED	MW
MFG. APPR.	JFS
APPROVED	NO
DE APPR.	CP
DATE	19.02.21

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D130-1048-711</b>	REV. B SHEET 2 OF 3
TITLE <b>LANDING GEAR ASSY (EC130)</b>	SCALE NTS
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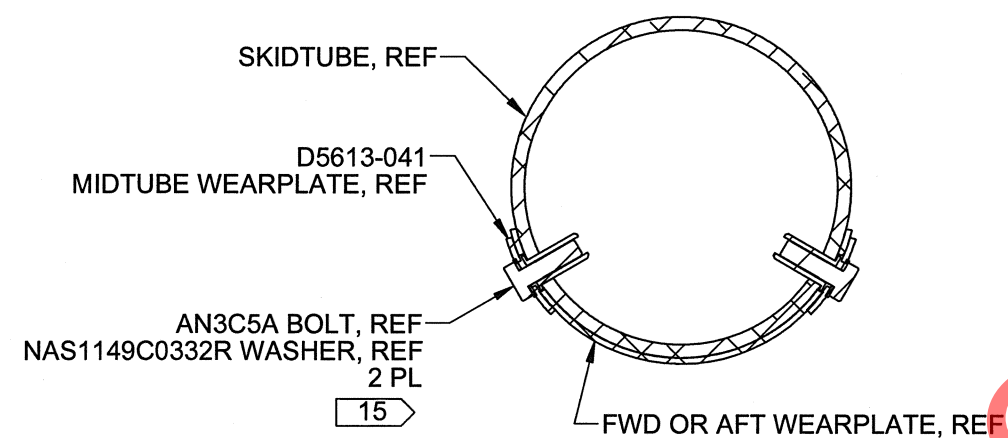
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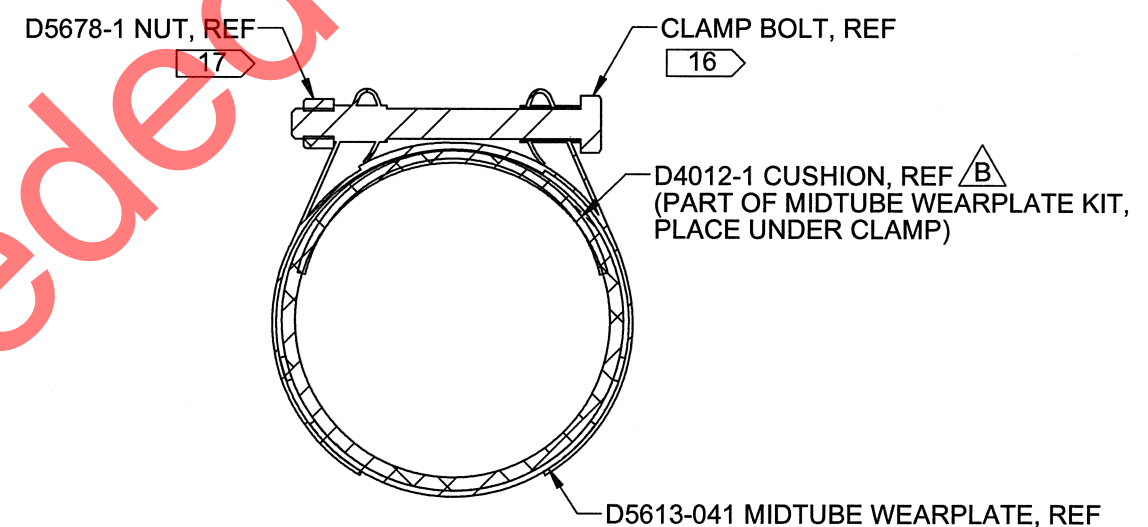
C

B

A



**SECTION C-C**  
(MIDTUBE WEARPLATE BOLTS)  
SCALE 8X, 4 PL



**SECTION D-D**  
(MIDTUBE WEARPLATE CLAMPS)  
SCALE 8X, 4 PL

RELEASED

2019 JUN 19

APPROVED

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MW	DRAWING NO.	REV. B
MFG. APPR.	JFS	D130-1048-711	SHEET 3 OF 3
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	LANDING GEAR ASSY (EC130)	NTS
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